INDEX

Abrams, Duff A.
Discussion, 83, 84, 124.

Ahlers, J. G.
Discussion, 106, 107, 231, 254, 256, 259, 416, 573.

Allen, Leslie H.
Discussion, 133, 147.

Bates, P. H.
Crazing on Cement Products, 126.
Discussion, 145.

Bekay, A. V.
Discussion, 415.

Bins.
Design of Reinforced-Concrete Bins for the Storage of Cement, by H. A. Ward, 239.
Storage of Cement, by H. A. Ward, 239.

Bourne, C. L.
Discussion, 515, 516, 517, 521.

Boyer, E. D.
Discussion, 254, 258, 263.

Bragger, E. Y.
Discussion, 573.

Brown, J. T.
Discussion, 255, 256.

Buildings.
Preliminary Draft of Proposed Standard Building Regulations for the Use of Reinforced Concrete, 427.
Fire Resistance of Concrete Building Units, 528.

Recommended Practice for the Design and Construction of Concrete Dwelling Houses, 538.
Tentative Standard Recommended Practice for Treatment of Exterior Surfaces of Industrial Reinforced Concrete Buildings, 564.

Business Report 608.

Business Report, 608.

Cement.

Shall Anything be Added to Portland Cement? by Maximilian Toch, 134.
Concrete from the Viewpoint of Mr. Cement, Thaddeus Merriman, 109.

Chamberlin, G. E.

Discussion, 97.

Chimneys.

Report of Tests Made to Determine Temperatures in Reinforced-Concrete Chimney Shells, by E. A. Dockstader, 204.

Christian, H. A.

Discussion, 108, 258, 525.

Clousing, Louis.

Discussion, 251, 320.

Committee Reports.

Committee E-6 on Destructive Agents and Protective Treatments, 266.
Committee E-4 on Fire Resistance of Concrete, 284.
Committee E-8 on Expansion Joints, 321.
Joints in Concrete Construction, 321.
Joint Committee Report, 330.
Committee E-1 on Building Design and Specifications, 426.
Committee P-6 on Concrete Products Plant Operation, 470.
Committee P-1 on Standard Building Units, 597.
Committee E-5 on Aggregates, 524.
Committee G-4 on Nomenclature, 527.
Committee P-5 on Fire Resistance of Concrete Building Units, 528.
Committee S-6 on Concrete Roads and Pavements, 537.
Committee S-5 on Reinforced Concrete Houses, 538.
Committee C-3 on Treatment of Concrete Surfaces, 555.
Committee C-5 on Measurement of and Estimating Concrete, 574.
Committee P-7 on Concrete Pipe, Drain Tile and Conduit, 583.

Concrete Mixing and Placing.
Concrete from the Viewpoint of Mg. Cement, by Thaddeus Merriman, 109.
Proportioning Concrete Materials with Especial Reference to Highway Construction, by G. W. Hutchinson, 148.
Central Mixing Plants for the Manufacture of Premixed Concrete, by W. E. Hart, 188.
Theory Must Aid Practice in Concrete Making, by C. P. Richardson, 24.
Concrete Mixtures Under Field Conditions, by T. P. Watson, 31.
Field Control of Concrete on The Delaware River Bridge, by A. W. Munsell, 50.
Inundation as a Practical Aid to Uniform Concrete, by A. A. Levison, 216.
Proportioning Concrete in Products Plants, 232.

Concrete Products.
Proportioning Concrete in Products Plants, 232.
Concrete Products Plant Operation, Submitted by Committee P-6, 470.
Recommended Practice for the Manufacture of Concrete Building Block, Building Tile and Brick, 473.
Manufacture of Light Building Tile, 482.
Investigation of the Effect of Various Methods of Curing Concrete Building Block, 498.

Condron, T. L.
Discussion, 253.

Crazing.
Crazing on Cement Products, by P. H. Bates, 126.

Cross, Hardy.
Discussion, 466.

Crum, R. W.
Discussion, 230.

Davis, E. E.
Notes on Concrete Floor Finish, 183.

Dockstader, E. A.
Report of Tests Made to Determine Temperatures in Reinforced-Concrete Chimney Shells, 204.
Discussion, 215, 248.

Douglas, A. S.
Discussion, 46.

Dunnels, C. G.
Discussion, 46.

Egelhoff, R. F.
Discussion, 231.

Faulkner, H. F.
Discussion, 67, 195.

Floors.
Notes on Concrete Floor Finish, by E. E. Davis, 183.
Proposed Revision on Standard Specifications for Concrete Floors, 596.

Floyd, B. P.
Discussion, 97.

Forms.
Column and Floor Forms, by J. A. Turner, 85.
Column Forms, by L. H. Usilton, 91.
Adjustable Shores Vs. 4 x 4 Shores, by E. C. Harding, 95.

Forshoe, W. A.
Discussion, 258, 259.

Foster, C. B.
Discussion, 44, 107, 195, 253, 259.

Fuller, M. O.
Coefficient of Expansion Tests on Gunite, 180.
Discussion, 215.

Godfrey, Edward.
Discussion, 80, 413, 513, 551.

Gonnerman, H. F.
Discussion, 518.

Gosswein, O. H.
Discussion, 517.

Gould, H. J.
Discussion, 258.

Grady, J. C.
Discussion, 106, 107, 254, 257.

Gunite.
Coefficient of Expansion Tests on Gunite, by M. O. Fuller, 180.

Greenman, Russell S.
Discussion, 281.

Harding, E. C.
Adjustable Shores Against 4 x 4 Shores, 95.
Discussion, 100, 106, 107, 108, 252, 258, 259.

Hart, W. E.
Central Mixing Plants for the Manufacture of Premixed Concrete, 188.
Discussion, 195.

Hatt, W. K.
Notes on Construction of Concrete Stadium, 113.
Discussion, 124, 144, 282, 465, 525.

Hilker, R. W.
Discussion, 519, 520, 523.

Hollister, S. C.
Discussion, 257, 263.

Howard, J. H.
Discussion, 252.

Howe, H. L.
Discussion, 44, 525.

Humphrey, R. L.
Discussion, 30.

Hutchinson, G. W.
Proportioning Concrete Materials With Especial Reference to Highway Construction, 148.
Discussion, 179.

Immel, J. W.
Discussion, 107, 253.

Inundation.
Inundation as a Practical Aid to Uniform Concrete, A. A. Levison, 216.

Irwin, A. C.
Discussion, 249, 250, 251, 262, 263, 552.

Jackson, F. H.
Discussion, 226.

Jennings, D. F.
Discussion, 250.

Johnson, Nathan C.
Discussion, 283.

Johnson, Virgil L.
Discussion, 573.

Laitance.
Notes on Laitance, 68.

Levison, Arthur A.
Discussion, 47, 232.
Inundation as a Pratical Aid to Uniform Concrete, 216.

Lichtenberg, E.
Discussion, 195.

Lindau, A. E.
The Tasks Before Us, 21.
Discussion, 30.

Lindstrom, Robert S.
Discussion, 46, 47, 318.

Lord, Arthur R.
Discussion, 256.

Lowell, J. W.
Discussion, 131, 132, 215, 249, 250, 514, 515, 517, 521.

McCullough, F. M.
Discussion, 47.

McMillan, F. R.
Discussion, 282, 461, 466, 553.

Members, List of, 622.

Merriman, Thaddeus.
Discussion, 81, 125, 131, 132, 282.
Concrete from the Viewpoint of M. Cement, 109.

Miller, R. M.
Notes on Laitance, 68.

Miner, J. L.
Discussion, 107, 124.

Munsell, A. W.
Field Control of Concrete on the Delaware River Bridge, 50.
Discussion, 67.

Mylrea, T. D.
Discussion, 467.

Nichols, Charles E.
Discussion, 44, 67, 251, 256, 258, 259, 260.

Pearson, J. C.
Discussion, 573.

Priester, O. H.
Discussion, 107, 108.

Registrants, List of, 613.

Rhode, Howard.
Discussion, 521.

Richardson, C. P.
Theory Must Aid Practice in Concrete Making, 24.
Discussion, 30.

Richart, F. E.
Discussion, 177, 178.

Roos, H. W.
Discussion, 106.

Simpson, John M.
Discussion, 517, 518.

Slater, W. X.
Discussion, 45, 124, 178, 231, 552, 553.

Speckelmier, Mr.
Discussion, 516, 517.

Stadiums.
Notes on Construction of Concrete Stadium, by W. K. Hatt, 113.

Standards.
Action on Standards, 606.
Action on Pavement and Sidewalk Standards, 537.
Tentative Standard Specifications on Measurement of and Estimating Concrete, 574.
Tentative Standard Specifications for Reinforced-Concrete Sewer Pipe, 584.
Standard Specifications for Portland-Cement Concrete Sidewalks, 591.
Standard Specifications for Concrete Building Block and Tile, 602.
Standard Specifications for Concrete Brick, 604.

Straub, F. J.
Discussion, 514, 515.

Stucco.
Finishes in Stucco, by Samuel Warren, 197.

Tobias, M. C.
Discussion, 516, 518, 519, 520, 522.

Toch, Maximilian.
Shall Anything be Added to Portland Cement?, 134.
Discussion, 144, 146.

Turner, C. A. P.
Discussion, 49, 83, 132, 145, 146, 282, 461.

Turner, J. A.
Column and Floor Forms, 85.

Usilton, L. H.
Column Forms, 91.

Walker, Stanton.
Discussion, 67, 177, 514.
Proportioning Concrete in Products Plants, 232.

Ward, H. A.
Design of Reinforced-Concrete Bins for the Storage of Cement, 239.
Discussion, 248, 249, 250, 251.

Warren, Samuel.
Finishes in Stucco, 197.

Watson, T. P.
Concrete Mixtures Under Field Conditions, 31.
Discussion, 44, 45, 46, 47, 48, 83.

Wheeler, Walter H.
Discussion, 417, 525.

Wight, Frank C.
Discussion, 144.

Wilk, Benjamin.
Discussion, 515.

Williams, Sir E. Owen.
Letter to Mr. Lindau, 607.

Wilson, E. B.
Discussion, 48.

Wilson, J. P.
Discussion, 196, 521, 522, 525.

Woolson, Ira H.
Discussion, 215, 319, 320.

Wright, H. S.
Discussion, 108, 257, 260.